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ADP013338

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ADP013309 thru ADP013341

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Assembly and Deployment of Enterprise Visualisation Solutions

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Discussion – Paper 25

Assembly and Deployment of Enterprise Visualisation Solutions

Research Program at DSTO in visualisation area

Differs from more traditional approaches

Several teams

Vis team combined with knowledge based team + another

Question: How can we provide infrastructure and support for particular domains

Looking at Vis. In C3I

Operational and strategic levels (little bit of tactical)

Domain solutions—analysis, how do we link into information management

Cost of deployment needs to be considered

Research Issues

Provision process—how things are deployed

InVision-new approach for computer-based vis. Resulting from research being conducted at DSTO

Key concepts

- Integrated component-based vis. Approach
- Model based visualisation
- M-V-C
- Allows a variety of information representations and views to be integrated
- Representational integration—putting together different representational forms into one visualisation—e.g., map + chart
- Knowledge-based deployment components

Integration of components to build vis system

User Perspective

Rich visualisation environment using COTS components (e.g, graphs charts)

Topographic view

Workspace—allows various views and representations to be combined and tailored to user roles

Process/Workflow support

Intelligent assistants—guiding the user

Monitoring

Virtual machine question: java platform independent, yes addressing that

Development process iterative and evolutionary